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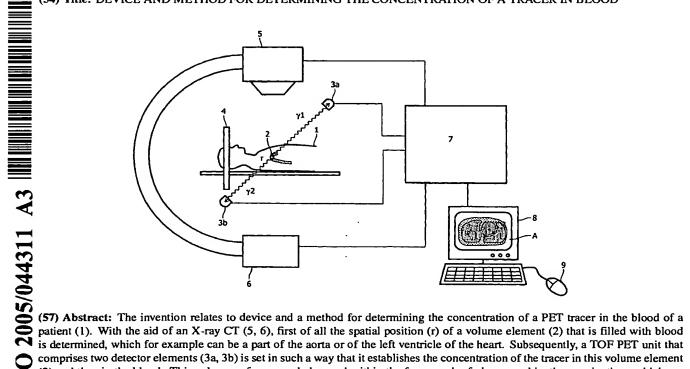
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comprises two detector elements (3a, 3b) is set in such a way that it establishes the concentration of the tracer in this volume element (2) and thus in the blood. This value can for example be used within the framework of pharmaco-kinetic examinations which are carried out on the patient (1) with the aid of a three-dimensional PET unit (4).

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